WHAT IS CLAIMED:

- 1. A polystyrene composition or styrene copolymer composition comprising a white oil as a plasticizer, wherein the white oil comprises a Fischer-Tropsch derived oil.
 - 2. The composition of claim 1, in which the Fischer-Tropsch derived white oil has a kinematic viscosity at 100 °C of more than 2 mm²/sec.
 - 3. The composition of claim 2, in which the Fischer-Tropsch derived white oil has a kinematic viscosity at 100 $^{\circ}$ C of more than 7 mm²/sec.
 - 4. The composition of claim 2, in which the Fischer-Tropsch derived white oil has a content of mineral hydrocarbons with carbon numbers less than 25 of not more than 5% wt and an average molecular weight not less than 480 g/mol.
 - 5. The composition of claim 1 in which the composition comprises between 0.1 wt% and 10 wt% of the Fischer-Tropsch derived oil.
 - 6. The composition of claim 5, in which the composition comprises between 2 wt% and 5 wt% of the Fischer-Tropsch derived oil.
 - 7. The composition of claim 1, in which the Fischer-Tropsch derived oil has a Saybolt color greater than +25.
 - 8. The composition of claim 7, in which the pour point of the Fischer-Tropsch derived oil is below -10 °C.
- 9. The composition of claim 8, in which the content of polar compounds in the Fischer-Tropsch derived oil is less than 1 wt% and the content of non-cyclic isoparaffins is between 75 wt% and 98 wt%.

- 10. The composition of claim 9, in which the composition comprises between 0.1 wt% and 10 wt% of the Fischer-Tropsch derived oil.
 - 11. The composition of claim 10, in which the composition comprises between 0.1 wt% and 10 wt% of the Fischer-Tropsch derived oil.
 - 12. The composition of claim 11, in which the Fischer-Tropsch derived oil has a kinematic viscosity at 100 $^{\circ}$ C of more than 2 mm²/sec.
 - 13. The composition of claim 12, in which the Fischer-Tropsch derived white oil has a content of mineral hydrocarbons with carbon numbers less than 25 of not more than 5 wt% and an average molecular weight of not less than 480 g/mol.
 - 14. The composition of claim 13, in which the Fischer-Tropsch derived oil has a 5 wt% recovery boiling point above 391 $^{\circ}$ C.
 - 15. A process for preparing a white oil comprising:
 - (a) hydrocracking/hydroisomerizing a Fischer-Tropsch derived feed, wherein compounds having at least 60 or more carbon atoms and compounds having at least 30 carbon atoms in the Fischer-Tropsch derived feed have a weight ratio of at least 0.2 wt% and wherein at least 30 wt% of compounds in the Fischer-Tropsch derived feed have at least 30 carbon atoms;
 - (b) separating the product of step (a) into one or more lower boil distillate fraction(s) and a higher boiling white oil precursor fraction;
- (c) performing a pour point reducing step to the white oil precursor fraction obtained in step (b); and,
- (d) isolating the white oil by distilling theproduct of step (c).

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1	16. The process of claim 15, in which the
2	Fischer-Tropsch derived feed comprises a C_{20+} fraction
3	having an ASF-alpha value of at least 0.925.
1	17. The process of claim 15, in which the
2	Fischer-Tropsch derived feed has an initial boiling
3	point below 200 °C.
1	18. The process of claim 15, in which the
2	hyrocracking/hydroisomerizing in step (a) is
3	performed in the presence of hydrogen and a catalyst.
1	19. The process of claim 15, in which the
2	white oil precursor of step (b) has a $T_{10 \text{ wt}\%}$ boiling
3	point between 300 °C and 450 °C.
1	20. The process of claim 15, in which the
2	pour point reducing step (c) comprises catalytic
3	dewaxing.
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